Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the instant application:

Listing of Claims:

1.   (Currently Amended) A method of providing biometric information over a̲ an established telephone call established over a Public Switched Telephone Network (PSTN) between a̲t̲ l̲e̲a̲s̲t̲ o̲n̲e̲ speaker and a subscriber comprising:

receiving a̲ f̲u̲l̲l̲ b̲a̲n̲d̲w̲i̲d̲t̲h̲ P̲S̲T̲N̲ a̲u̲d̲i̲o̲ s̲t̲r̲e̲a̲m̲ voice information from the speaker transmitted over the PSTN [[call]], said audio stream comprising a plurality of voice signals of the speaker;

determining biometric information from the voice s̲i̲g̲n̲a̲l̲s̲ information of the speaker;

i̲d̲e̲n̲t̲i̲f̲y̲i̲n̲g̲ i̲n̲a̲u̲d̲i̲b̲l̲e̲ p̲o̲r̲t̲i̲o̲n̲s̲ i̲n̲ t̲h̲e̲ P̲S̲T̲N̲ a̲u̲d̲i̲o̲ s̲t̲r̲e̲a̲m̲ u̲s̲i̲n̲g̲ a̲ p̲s̲y̲c̲h̲o̲a̲c̲o̲u̲s̲t̲i̲c̲ m̲o̲d̲e̲l̲;

m̲o̲d̲i̲f̲y̲i̲n̲g̲ s̲a̲i̲d̲ P̲S̲T̲N̲ a̲u̲d̲i̲o̲ s̲t̲r̲e̲a̲m̲ b̲y̲ encoding the biometric information a̲n̲d̲ replacing; and the i̲d̲e̲n̲t̲i̲f̲i̲e̲d̲ i̲n̲a̲u̲d̲i̲b̲l̲e̲ p̲o̲r̲t̲i̲o̲n̲s̲ o̲f̲ t̲h̲e̲ P̲S̲T̲N̲ a̲u̲d̲i̲o̲ s̲t̲r̲e̲a̲m̲ w̲i̲t̲h̲ s̲a̲i̲d̲ encoded information; and

t̲r̲a̲n̲s̲m̲i̲t̲t̲i̲n̲g̲ sending the m̲o̲d̲i̲f̲i̲e̲d̲ P̲S̲T̲N̲ a̲u̲d̲i̲o̲ s̲t̲r̲e̲a̲m̲ biometric information to the subscriber over the PSTN [[call]].

2.   (Currently Amended) The method of claim 1, said determining step comprising:

extracting at least one attribute from the voice s̲i̲g̲n̲a̲l̲s̲ information;

comparing the at least one attribute with voice metrics; and

generating the biometric information based upon said comparing step.

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3. (Cancelled)

4. (Original) The method of claim 1, wherein the biometric information specifies at least one of an indication of voice level, stress level, voice inflection, and an emotional state.

5. (Currently Amended) The method of claim 1, wherein the subscriber receives the ~~biometric information and~~ voice signals <u>and the associated biometric information</u>, both of the speaker, substantially concurrently over the call.

6. (Currently Amended) The method of claim 1, further comprising:
    <u>extracting the embedded biometric information from the transmitted PSTN audio</u> stream;
    decoding the <u>extracted</u> ~~received~~ biometric information; and
    presenting the information to the subscriber.

7. (Currently Amended) A system for providing biometric information over ~~an~~ ~~established~~ telephone call <u>established over a Public Switched Telephone Network (PSTN)</u> between a<u>t least one</u> speaker and a subscriber comprising:
    means for receiving <u>a full bandwidth PSTN audio stream</u> ~~voice information from~~ ~~the speaker~~ <u>transmitted</u> over the <u>PSTN</u> [[call]]<u>, said audio stream comprising a plurality of voice signals of the speaker</u>;
    means for determining biometric information from the voice <u>signals</u> ~~information~~ of the speaker;
    <u>means for identifying inaudible portions in the PSTN audio stream using a psychoacoustic model;</u>

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means for ~~modifying said PSTN audio stream by~~ encoding the biometric information ~~and replacing; and~~ the identified inaudible portions of the PSTN audio stream with said encoded information; and

means for ~~transmitting sending~~ the ~~modified PSTN audio stream biometric information~~ to the subscriber over the PSTN [[call]].

8.   (Currently Amended) The system of claim 7, said <u>means for</u> determining [[step]] comprising:

    means for extracting at least one attribute from the voice <u>signals</u> ~~information~~;

    means for comparing the at least one attribute with voice metrics; and

    means for generating the biometric information based upon a result obtained from said means for comparing.

9.   (Cancelled)

10.   (Original) The system of claim 7, wherein the biometric information specifies at least one of an indication of voice level, stress level, voice inflection, and emotional state.

11.   (Currently Amended) The system of claim 7, wherein the subscriber receives the ~~biometric information and~~ voice signals <u>and the associated biometric information</u>, both of the speaker, substantially concurrently over the call.

12.   (Currently Amended) The system of claim 7, further comprising:

    <u>means for extracting the embedded biometric information from the transmitted PSTN audio stream;</u>

    means for decoding the <u>extracted</u> ~~received~~ biometric information; and

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means for presenting the information to the subscriber.

13. (Currently Amended) A ~~machine~~ computer-readable storage, having stored thereon a computer program having a plurality of code sections executable by a ~~machine~~ computer for causing the ~~machine~~ computer to perform the steps of:

receiving an audio stream during ~~voice information from a speaker over an established~~ a telephone call established over a Public Switched Telephone Network (PSTN), ~~wherein the~~ at least one speaker and a subscriber, wherein said audio stream comprises a full bandwidth PSTN audio stream, and wherein said audio stream comprises a plurality of voice signals of the speaker ~~are engaged in the call~~;

determining biometric information from the voice signals ~~information~~ of the speaker;

identifying inaudible portions in the PSTN audio stream using a psychoacoustic model;

modifying said PSTN audio stream by encoding the biometric information and replacing~~, and~~ the identified inaudible portions of the PSTN audio stream with said encoded information; and

transmitting ~~sending~~ the modified PSTN audio stream ~~biometric information~~ to the subscriber over the PSTN [[call]].

14. (Currently Amended) The ~~machine~~ computer-readable storage of claim 13, said determining step comprising:

extracting at least one attribute from the voice signals ~~information~~;

comparing the at least one attribute with voice metrics; and

generating the biometric information based upon said comparing step.

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15.   (Cancelled)

16.   (Currently Amended)   The ~~machine~~ computer-readable storage of claim 13, wherein the biometric information specifies at least one of an indication of voice level, stress level, voice inflection, and emotional state.

17.   (Currently Amended)   The ~~machine~~ computer-readable storage of claim 13, wherein the subscriber receives the ~~biometric information and~~ voice signals <u>and the associated biometric information</u>, both of the speaker, substantially concurrently over the call.

18.   (Currently Amended)   The ~~machine~~ computer-readable storage of claim 13, further comprising:

      <u>extracting the embedded biometric information from the transmitted PSTN audio stream;</u>

      decoding the <u>extracted</u> ~~received~~ biometric information; and

      presenting the information to the subscriber.

19.   (New) The method of claim 1, wherein at least one other speaker is connected to the call, and wherein the method further comprises:

      prior to said receiving step, selecting one among the voice signals of speaker and the voice signals of other speaker to be analyzed; and

      performing the steps of receiving, determining, generating, identifying, encoding, and transmitting only for said selected speaker.

20.   (New) The system of claim 7, wherein at least one other speaker is connected to the call, and wherein the system further comprises:

      means for selecting one among the voice signals of the speaker and the voice signals of the other speaker to be analyzed prior to receiving said voice signals; and

      means for performing the steps of receiving, determining, generating, identifying, encoding, and transmitting only for said selected speaker.

21.   (New) The computer-readable storage medium of claim 13, wherein at least one other speaker is connected to the call, and further comprising code sections for:

      prior to said receiving step, selecting one among the voice signals of speaker and the voice signals of other speaker to be analyzed; and

      performing the steps of receiving, determining, generating, identifying, encoding, and transmitting only for said selected speaker.